

ABSTRACT OF THE DISCLOSURE

[0059] A solid cleaning composition and method of manufacture are disclosed, which provide a long-term, solid cartridge made of cleaning agents and a solubility limiting agent for controlling an equilibrium concentration of the composition in a solvent, such as water. In use, the cleaning agents are dissolved only to a predetermined concentration needed for a single dose of a cleaning appliance, such as a clothes washing machine. The solid cleaning composition may be cyclically exposed to water. Controlled dissolution of the cleaning composition releases a desired quantity of cleaning agents in each cleaning cycle. The use of potassium silicate as a solubility controlling compound permits manufacture of the cleaning composition at ambient temperatures and pressures. The cleaning composition may be molded or cast into a desirable shape for controlling surface area.